	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY SN 053-3036 X071-2A
20200100	EARTH EXCAVATION	CU YD	54
20300100	CHANNEL EXCAVATION	CUYD	90
20400800	FURNISHED EXCAVATION	CUYD	414
20700110	POROUS GRANULAR EMBANKMENT	TON	24
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
28100107	STONE RIPRAP, CLASS A4	SQ YD	320
28200200	FILTER FABRIC	SQ YD	320
35100100	AGGREGATE BASE COURSE, TYPE A	TON	196
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	446
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	271
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	110
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1
50102400	CONCRETE REMOVAL	CUYD	1.8
50300225	CONCRETE STRUCTURES	CUYD	0.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	48.1
50300260	BRIDGE DECK GROOVING	SQ YD	147
42001300	PROTECTIVE COAT	SQ YD	173
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1
50500505	STUD SHEAR CONNECTORS	EACH	1260
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9910
50900205	STEEL RAILING, TYPE S1	FOOT	107
51500100	NAME PLATES	EACH	1
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	127
60801018	FLAP GATE 18"	EACH	2
63000002	STEEL PLATE BEAM GUARD RAIL, TYPE A 6.75 FOOT POSTS	FOOT	100
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	3
67100100	MOBILIZATION	LSUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LSUM	1
78200405	GUARDRAIL MARKERS	EACH	7
	TERMINAL MARKER - DIRECT APPLIED	EACH	4
78201000		EACH	1
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1 AL PROVISIONS	LAUIT	

* SEE SPECIAL PROVISIONS * SPECIALITY ITEM

DESIGNED -REVISED FILE NAME = USER NAME = REVISED DRAWN - D.A.B. 090125-sht-summary.dgr REVISED PLOT SCALE = CHECKED -REVISED

STATE OF ILLINIOS LIVINGSTON COUNTY HIGHWAY DEPARTMENT

2.05 TON/CU.YD. AGGREGATE BASE COURSE: 1.75 TON/CU.YD.

HMA SURFACE COURSE 112 LBS/INCH DEPTH/SQ. YD. 112 LBS/INCH DEPTH/SQ. YD. LEVELING BINDER

BITUMINOUS MATERIALS (PRIME COAT) 0.35 GAL/SQ. YD.

INCLUDED IN THE DOCUMENTS.

STANDARD OF THE DEPARTMENT.

ORDERING THIS ITEM

RIPRAP SPECIAL:

8 THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRES

GENERAL NOTES 1 ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS"

2 WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE

3 ANY REFERENCE TO A STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST

4 THE LOCATION ON THE PLANS OF EXISTING DRANAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO

5 THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTYAT ALL TIMES DURING CONSTRUCTION. OF THE PROJECT.

6 THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE

OWNER. AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.

7 THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

9 THE FINAL SURFACE OF ALL EMBANKMENT AREAS SHALL BE SEEDED. THE TOP 4 INCHES OF THE SEEDED AREAS SHALL BE VEGETATIVE SUSTAINING SOIL SUBJECT TO THE APPROVAL OF THE ENGINEER. THE COST OF SHAPING THE SLOPES AND PROVIDING VEGETATION SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION

	HMA	HMA
	LEVEL	SURFACE
	BINDER	
PG GRADE **	PG64-22	PG64-22
DESIGN AIR	4%@	4%@
VOIDS	N50	N50
MIXTURE		IL 12.5 OR
COMPOSITION	IL 9.5	IL 9.5
FRICTION		
AGGREGATE		MIXTURE C
DENSITYTEST	SATISFACTION	
METHOD	OF ENGINEER	CORES

** WHEN MORE THAN 20% RAP IS USED, A SOFTER ASPHALT BINDER (PG58-22) MAY BE REQUIRED AS DETERMINED BY THE ENGINEER

SUMMARY OF QUANTITIES AND GENERAL NOTES HR 473 LIVINGSTON F.A.S. 473 / C.H. 22 CONTRACT NO. 87452 SHEET NO. OF SHEETS STA.